

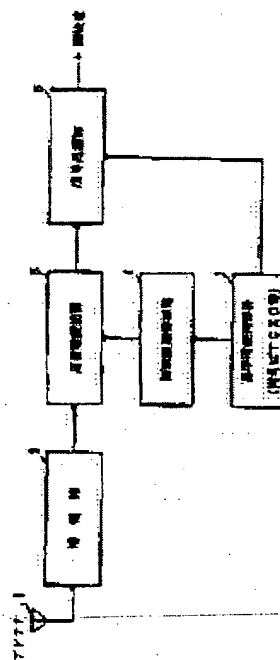
GPS RECEIVER

Patent number: JP4326079
Publication date: 1992-11-16
Inventor: OZAKI YOSHITAKA; others: 01
Applicant: NIPPONDENSO CO LTD
Classification:
- international: G01S5/14
- european:
Application number: JP19910096545 19910426
Priority number(s):

Abstract of JP4326079

PURPOSE: To shorten the time till the catching of a satellite radio wave and to rapidly start the measurement of a position by calculating the Doppler quantity of the satellite radio wave due to the motion of an artificial satellite and altering search frequency on the basis of said Doppler quantity.

CONSTITUTION: The transmission radio waves from a plurality of artificial satellites are received by an antenna 1 and converted in frequency in a frequency converting part 5. In a signal processing part 6, search frequency is set on the basis of the reference frequency from a reference frequency oscillator 3 and the Doppler quantity of satellite radio waves due to the motion of the artificial satellites to a receiver is calculated and the search frequency is altered on the basis of the calculated Doppler quantity. The receiving processing of the receiving signal converted in the frequency converting part 5 on the basis of the altered search frequency.



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Equivalents:

Abstract

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CONSTITUTION: The transmission radio waves from a plurality of artificial satellites are received by an antenna 1 and converted in frequency in a frequency converting part 5. In a signal processing part 6, search frequency is set on the basis of the reference frequency from a reference frequency oscillator 3 and the Doppler quantity of satellite radio waves due to the motion of the artificial satellites to a receiver is calculated and the search frequency is altered on the basis of the calculated Doppler quantity. The receiving processing of the receiving signal converted in the frequency converting part 5 on the basis of the altered search frequency.

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CLAIMS

No Claims were found.

DESCRIPTION

Text Not Available.